

WRC-99 Advisory Committee IWG-5

**Meeting:** IWG-5 – Space Science, Radio Astronomy, Maritime Mobile and Aeronautical Mobile Service Matters

**Date/Time:** 1 April 1999/1:00 P.M.

**Location:** FCC, 2000 M Street, NW, Washington, D.C., Room 847

**Committee Members Present:** Chair - Steve Kaltenmark

**FCC Employees Present:** Marcus Wolf

**Meeting Summary:**

- The agenda for this meeting and the draft minutes from the eighth meeting (February 4, 1999) were approved.
- The chairman gave a brief summary of the IAC meeting. The topics of interest to IWG-5 were the approval of the preliminary view for Agenda Item 1.7 (as modified by the RCS), the approval of the preliminary view for Agenda Item 1.15.1, and the approval of the draft proposal for Agenda Item 1.16.
- Mr. Whyte and Mr. Gergely reported on the activities at the recent Working Party 7C and 7D meetings. The CPM text for the above 71 GHz issue (Agenda Item 1.16) has been drafted. The preliminary draft new recommendation related to Agenda Item 1.17 (18.6 - 18.8 GHz) has been modified and the power flux density limit for FSS systems in the band has been modified to be -95 dBW/m<sup>2</sup>/200 MHz. For the fixed service, a total power limit of 0 dBW across the band has been identified for protection of the passive sensors. Additionally, the -10 dBi backlobe restriction has been removed from the recommendation and reference has been made to the appropriate ITU-R recommendation on fixed service antenna patterns. The draft proposal for this item will be updated in the RCS to reflect these changes.
- Agenda Item 1.7 was discussed. There is an approved preliminary view for this item. A draft proposal needs to be developed for approval at the next IWG-5 meeting.
- The topic of future WRC agenda items was discussed. Documents IWG-5/025 (Rev. 1) and IWG-5/026 (Rev. 1), which list the Agenda Items from Resolution 721 that were deleted (Agenda Items 8.1 - 8.8) and from Resolution 722, respectively, were discussed. Most of these items will be dealt with in the RCS. Some were identified that need draft proposals for future agenda items. These need to be completed for the next IWG-5 meeting. It was noted that the RCS will be drafting a proposal to put allocations for passive services above 275 GHz on the next WRC agenda. It was also noted that there was a push from another administration at the Working Party 7C and 7D meetings to develop a definition for passive sensors on the ground. There may be a proposal for an agenda item for this topic from another administration at WRC-00. It was also noted that the RCS is developing a proposal for a future conference agenda item for a frequency and timing allocation in bands below 5 GHz.

**Documents Distributed:**

Meeting Agenda

Doc. IWG-5/025R1: "Resolution 721 (WRC-97) Agenda Items 8.1 - 8.8"

Doc. IWG-5/026R1: "WRC-2001 Topics (Resolution 722 from WRC-97)"

Doc. IWG-5/027: "Minutes of the 4 February 1999 Meeting of IWG-5"

**Public Participation:**

The meeting was open to all interested parties.

**Future Meetings:**

June 3, 1999

FCC/Portals, 1:00 PM